

AMENDMENTS TO THE CLAIMS

Kindly amend the claims as follows:

1-26. Canceled

27. (withdrawn) A method of photodynamic therapy comprising irradiation of a cell, tissue, organ, or subject to which a compound of claim 16 has been administered.

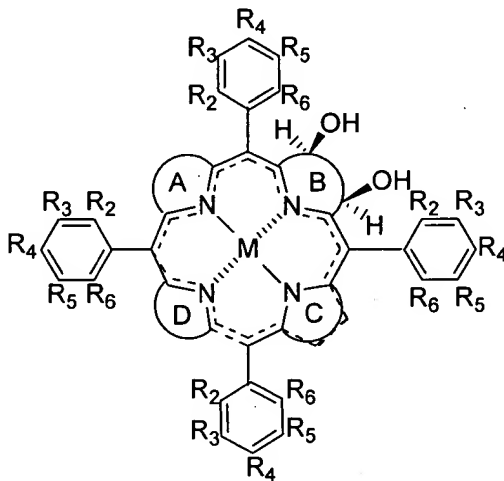
28. (withdrawn) The method of claim 27 wherein said compound is compound 25.

29. (withdrawn) A pharmaceutical composition comprising the compound of claim 16 and a pharmaceutically acceptable excipient.

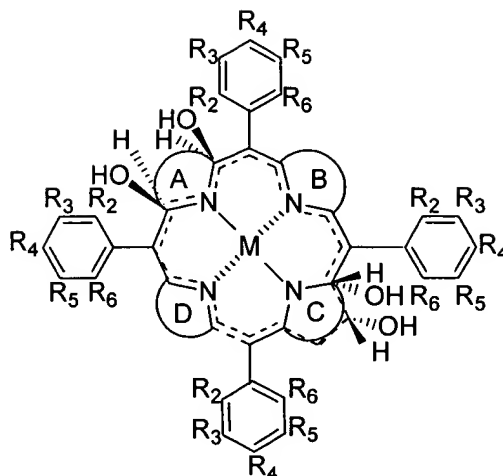
30. (withdrawn) A pharmaceutical composition comprising the compound of claim 25 and a pharmaceutically acceptable excipient.

Please add the following new claims:

31. (New) A compound having the formula:



or



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selected from the group consisting of T(m-NO₂)PC(OH)₂ (compound 4), T(p-Br)PC(OH)₂ (compound 5), T(m-Br)PC(OH)₂ (compound 6), T(m-F)PC(OH)₂ (compound 7), T(o-F)PC(OH)₂ (compound 8), TF₅PC(OH)₂ (compound 9), T(m-OH)PC(OH)₂ (compound 11), T(p-CO₂Me)PC(OH)₂ (compound 12), T(p-OCOEt)PC(OH)₂ (compound 13), T(p-OCH₃)PC(OH)₂ (compound 14), T(m-OCH₃)PC(OH)₂ (compound 15), T(m,m'-OCH₃)PC(OH)₂ (compound 16), T(m-OCH₃,p-OH)PC(OH)₂ (compound 17), T(o,m,m'-OCH₃)PC(OH)₂ (compound 19), T(o,p,o'-OCH₃)PC(OH)₂ (compound 20), T(p-CH₃)PC(OH)₂ (compound 21), T(o,p,o'-CH₃)PC(OH)₂ (compound 22), H₂TPB(OH)₄ (Compound 29), and T(o,p,o'-OCH₃)PB(OH)₄ (compound 30).

wherein M is a metal selected from the group consisting of Ni(II), Cu(II), Zn, Sn, Ge, Si, Ga, Al, Mn(III), Gd(III), In and Tc or 2 H atoms.

32. (New) The compound of claim 31, where M is Zn.
33. (New) The compound of claim 31, where M is 2H atoms.
34. (New) The compound of claim 31, selected from the group consisting of T(m-OH)PC(OH)₂ (compound 11) and T(o,p,o'-OCH₃)PB(OH)₄ (compound 30).

35. (New) A β,β -dihydroxy meso-substituted chlorin compound selected from the group consisting of diphenyl-2,3-dihydroxychlorin (compound 25), meso-5-(p-bromophenyl)-10,15,20-triphenyl-2,3-dihydroxychlorin (compound 26), meso-5-(p-hydroxyphenyl)-10,15,20-triphenyl-2,3-dihydroxychlorin (compound 27), and meso-5-(p-nitrophenyl)-10,15,20-triphenyl-2,3-dihydroxychlorin (compound 28).

36. (New) The compound of claim 35, wherein said compound is complexed with a metal selected from the group consisting of Ni(II), Cu(II), Zn, Sn, Ge, Si, Ga, Al, Mn(III), Gd(III), In and Tc.

37. (New) The compound of claim 36, where said metal is Zn.

38. (New) The compound of claim 35, where the compound is selected from the group consisting of diphenyl-2,3-dihydroxychlorin (compound 25) and meso-5-(p-hydroxyphenyl)-10,15,20-triphenyl-2,3-dihydroxychlorin (compound 27).